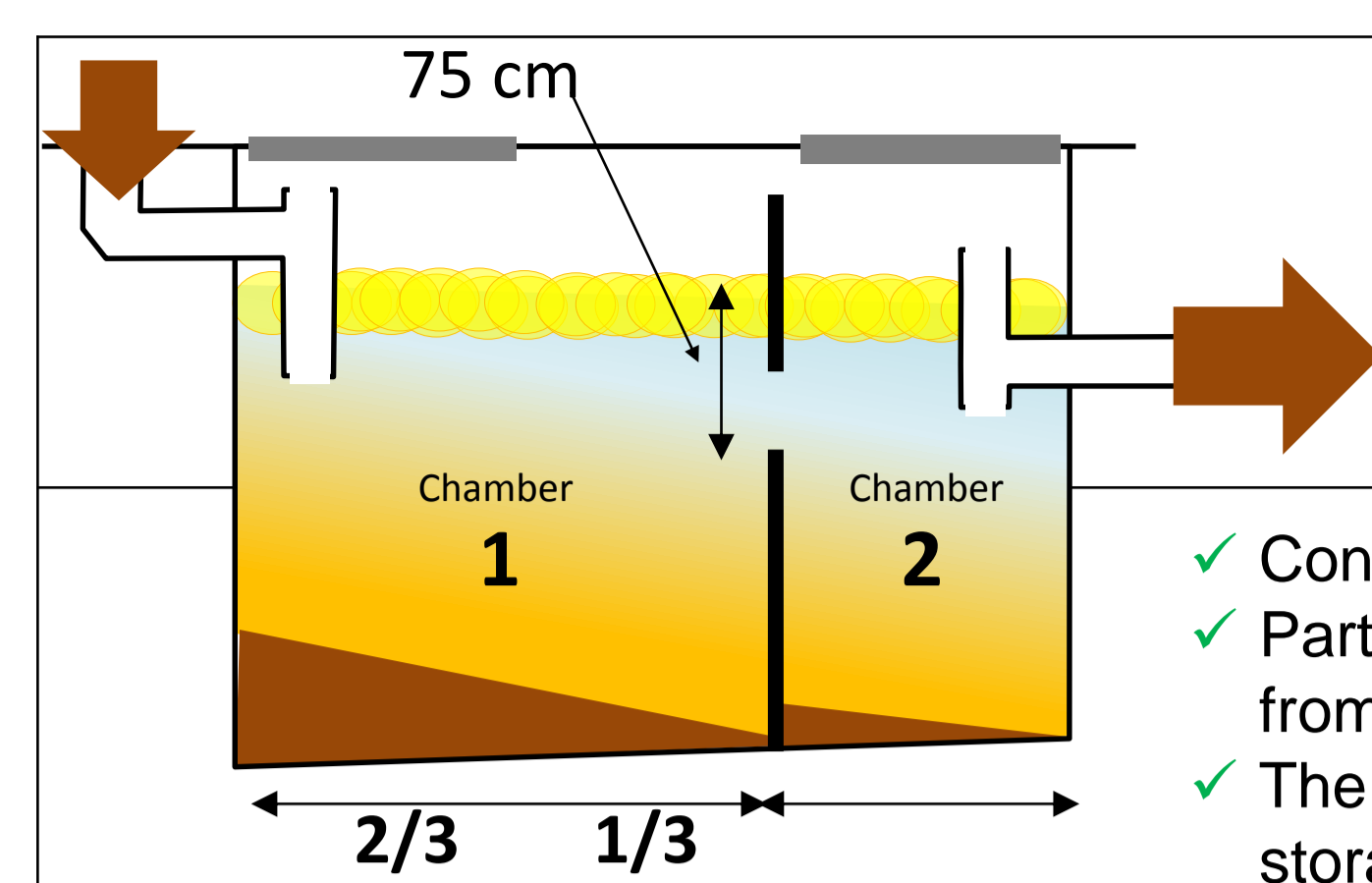
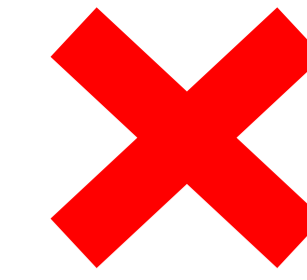


# Septic Tank

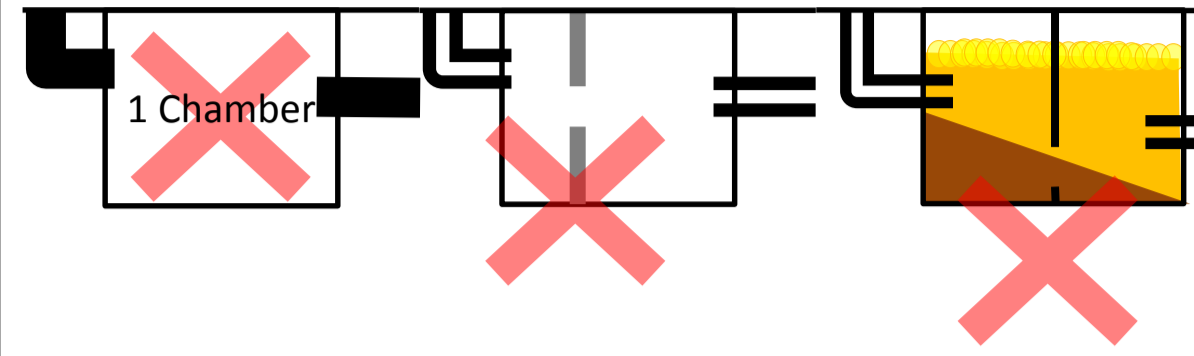
**Dos**

and

**DON'Ts**

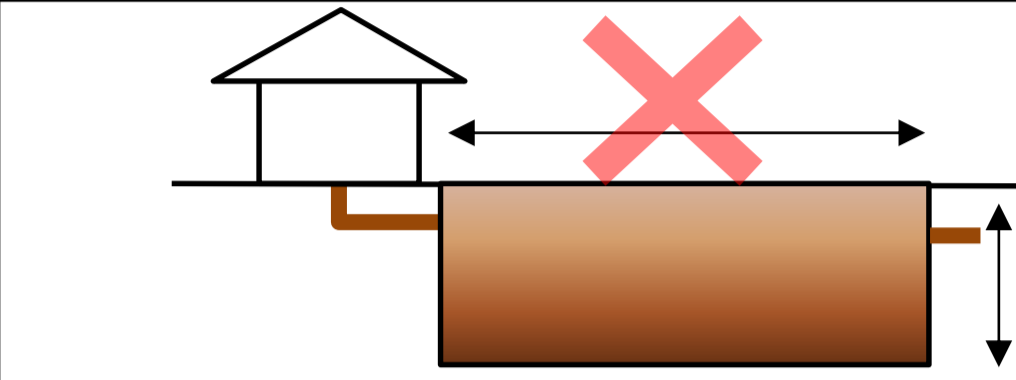
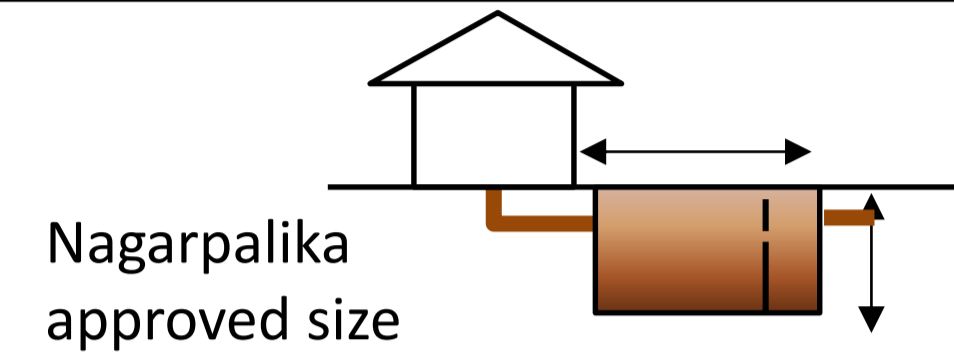


- ✓ Construct at least a two chambered septic tank
- ✓ Partition wall should be constructed at a distance of 2/3 the length from the inlet
- ✓ The 2 chambers should be interconnected above the sludge storage level by means of a pipe or square opening of diameter or side length not less than 75 cms



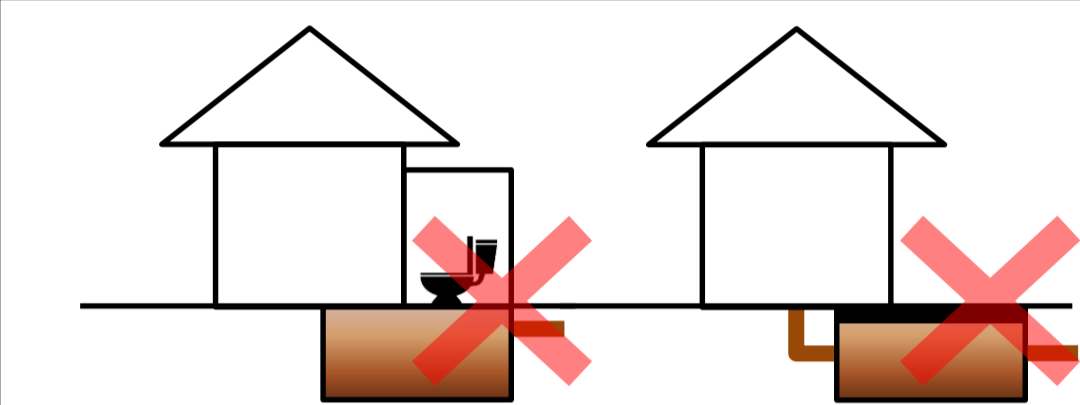
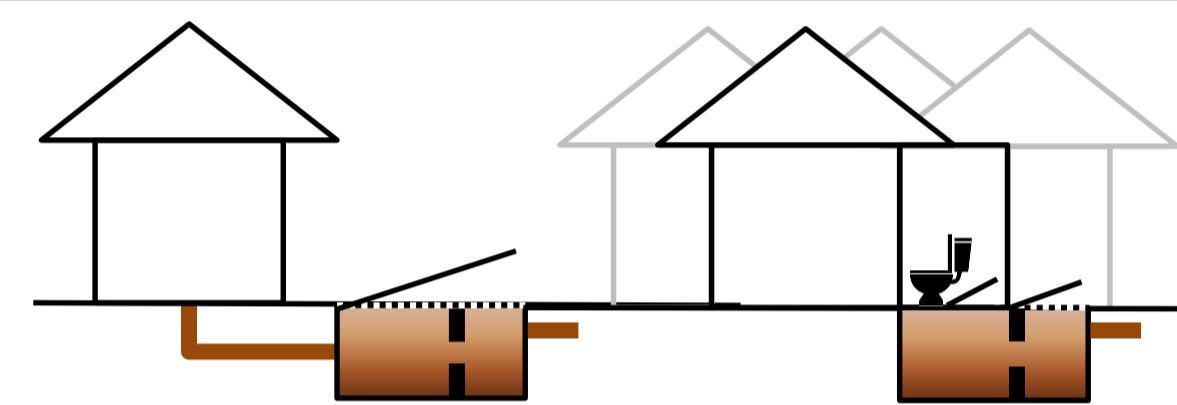
- ✗ Do not construct a one chambered septic tank
- ✗ Do not construct a partition wall at an inappropriate distance
- ✗ Do not provide the interconnection at a level where the sludge or scum is formed

✓ The size of the tank should be as per Nagarpalika norms



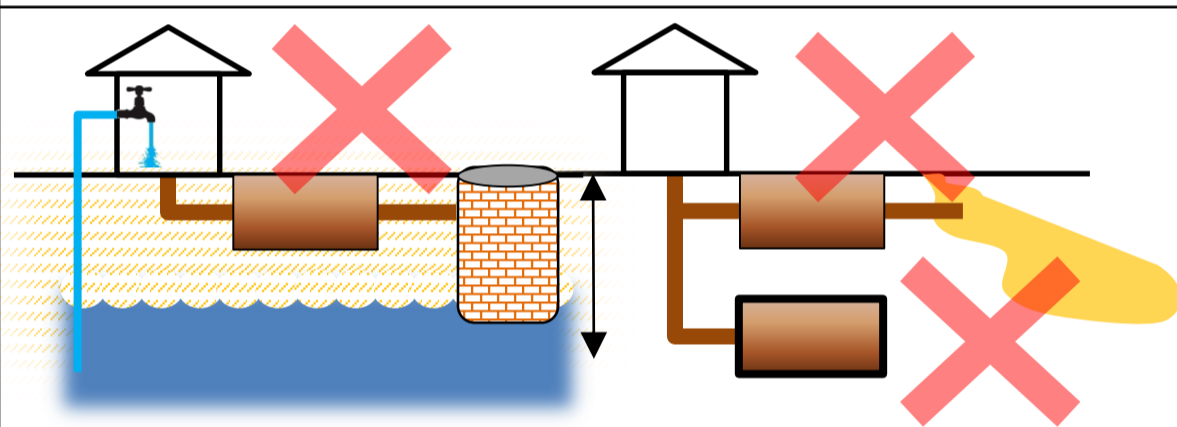
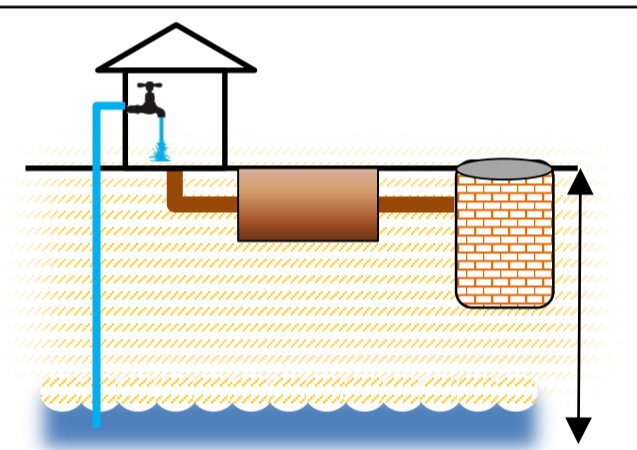
✗ Do not construct an oversized septic tank

- ✓ Always construct septic tank away from structure
- ✓ If space not available, construct toilet over septic tank such that all chambers are accessible
- ✓ Provide openable access covers to all chambers for inspection and desludging



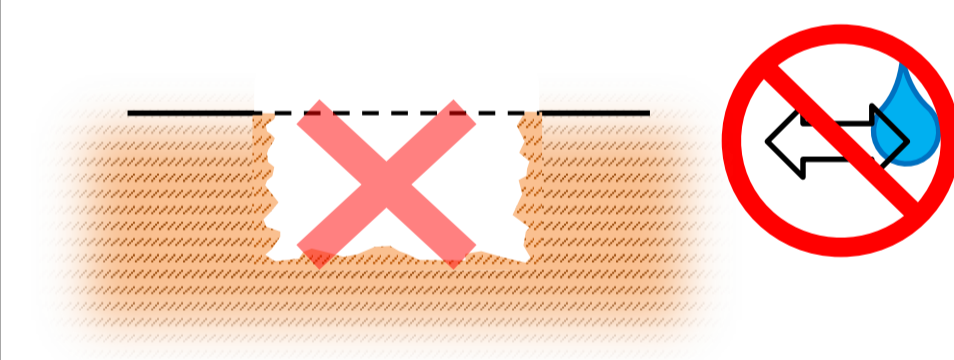
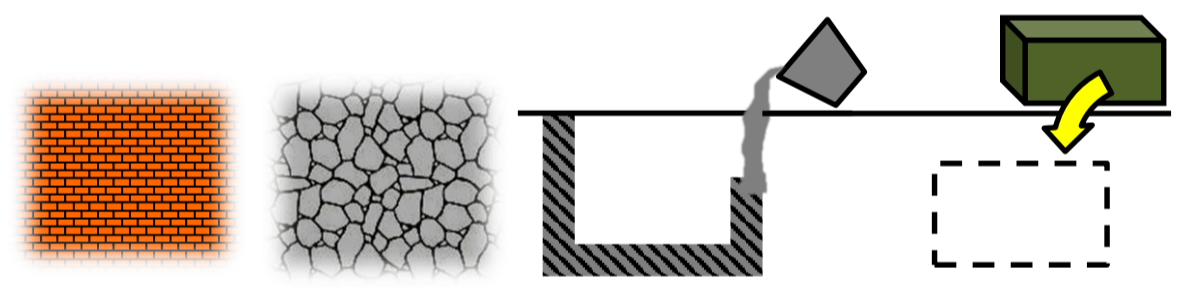
- ✗ Do not construct toilet above septic tank
- ✗ Do not completely seal the septic tank from top

✓ Where ground water level is low, always connect the septic tank to a soak pit



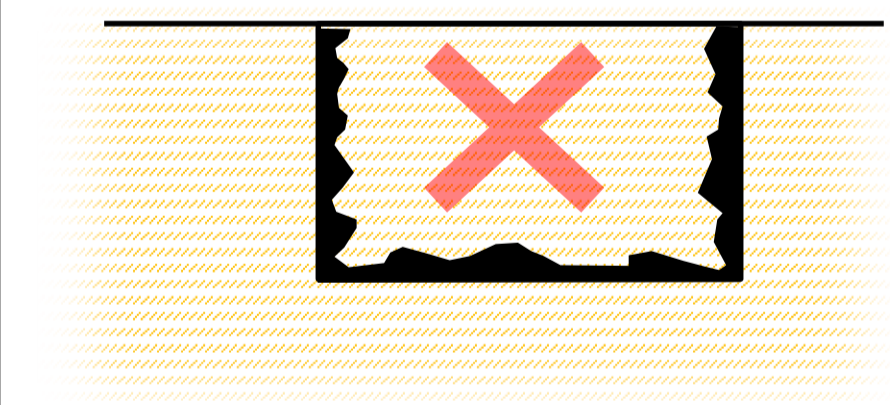
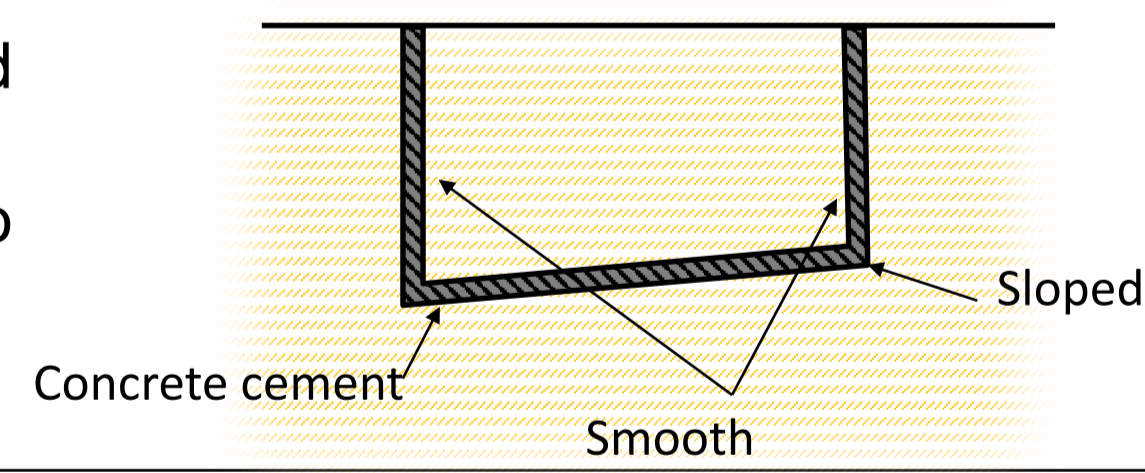
- ✗ Don't construct soak pits near an underground drinking water source
- ✗ Don't construct sealed septic tanks with no outlets
- ✗ Don't connect septic tanks to drains

✓ Septic tanks should be constructed in materials such as brick, stone, concrete (cast in-situ) or be of pre-cast materials



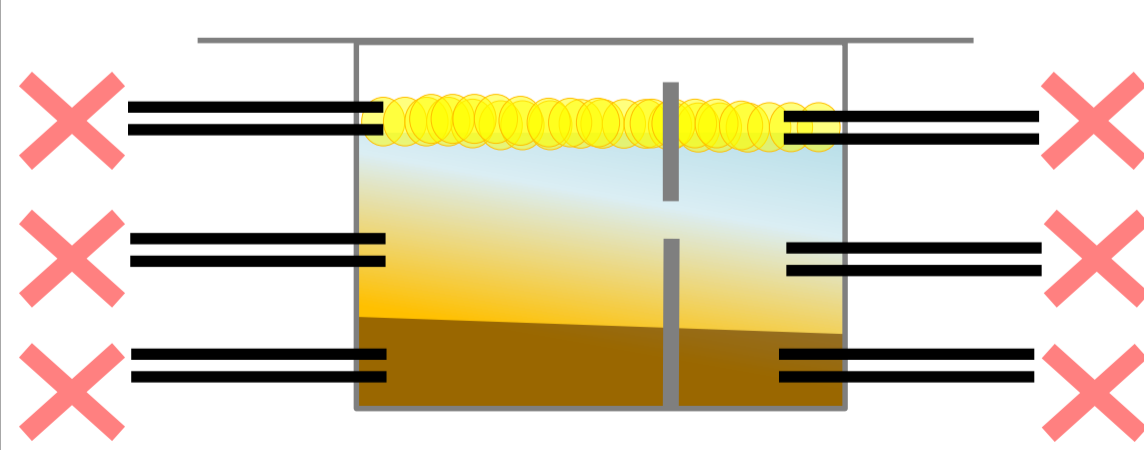
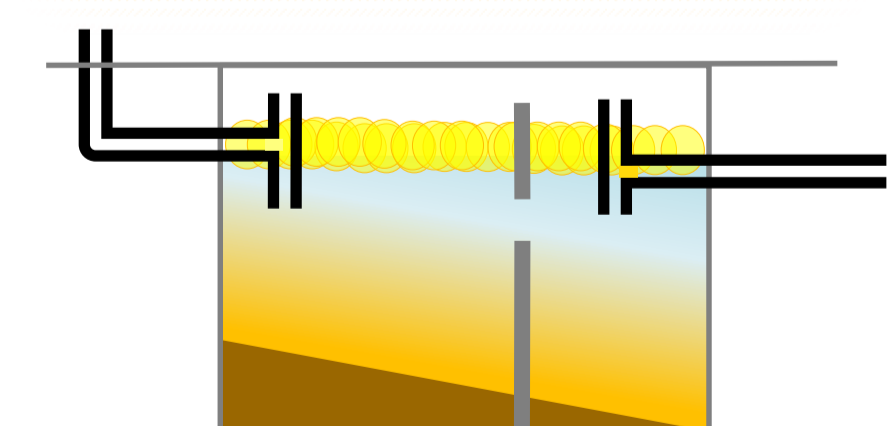
- ✗ Do not use a dug trench as septic tank
- ✗ Tank should not leak

- ✓ The base or floor should be cement concrete and sloped upwards to the outlet
- ✓ The floor and sides should be plastered with cement mortar to render the surfaces smooth



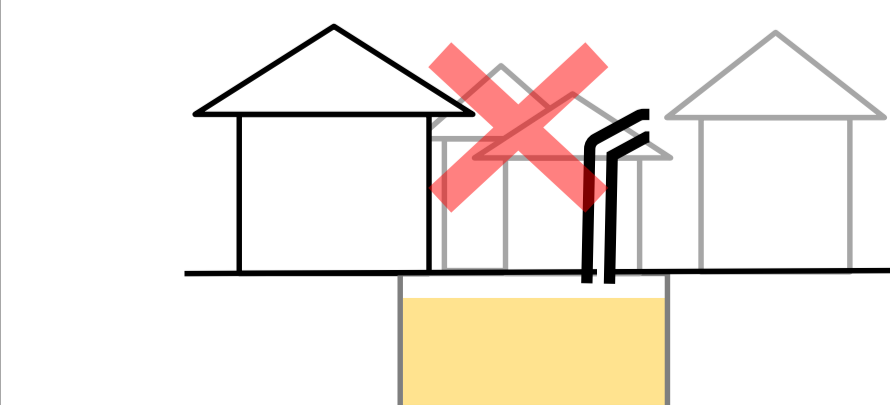
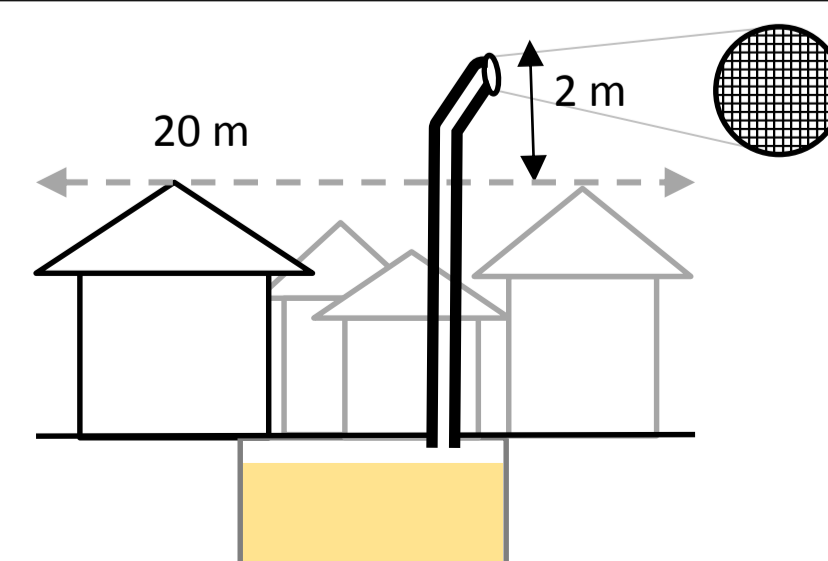
- ✗ Do not keep the base level or slope downwards to the outlet
- ✗ The inside surfaces of the septic tank should not be rough

- ✓ The inlet and outlet opening should be located at different levels
- ✓ The inlet and outlets openings should be below scum level and above sludge level
- ✓ Baffles or T junctions should be provided at inlet and outlet



- ✗ The inlet and outlet should not be located at such levels where the sludge or scum collects
- ✗ Inlet and outlet should not be at same level to prevent backflow or exit of solids

- ✓ Septic tank should be provided with ventilation pipes, the top being covered with mosquito proof wire mesh
- ✓ The height of the pipe should extend at least 2 m above the top of the highest building within a radius of 20 m



- ✗ Do not leave ventilation pipe unprotected from mosquitoes
- ✗ Do not keep the ventilation pipe too short