

Minimum clearance requirements

Building new structures adjacent to pressure sewer tanks, pipes and boundary kits is subject to the following requirements:

Pressure sewer tanks

- Building structures over pressure sewer tanks is not permitted as 24-hour unobstructed access is required.
- 2000mm horizontal clearance from the outside edge of the pressure sewer tank to any structure/building or footing/foundation.
- Footings/foundations must extend to a minimum depth to the angle of repose to the invert level of the pressure sewer tank, to ensure that no undue load will be placed on the sewer tank by the new structure/building (see examples over).
- 500mm horizontal clearance from the outside edge of the pressure sewer tank to any driveway, fence or retaining wall
- Pressure sewer tank level must remain 75mm above the new surface level, to ensure no ground water in Altogether into the tank.
- Where alteration works are applicable, the works are to be carried out by Altogether at the owner's expense.

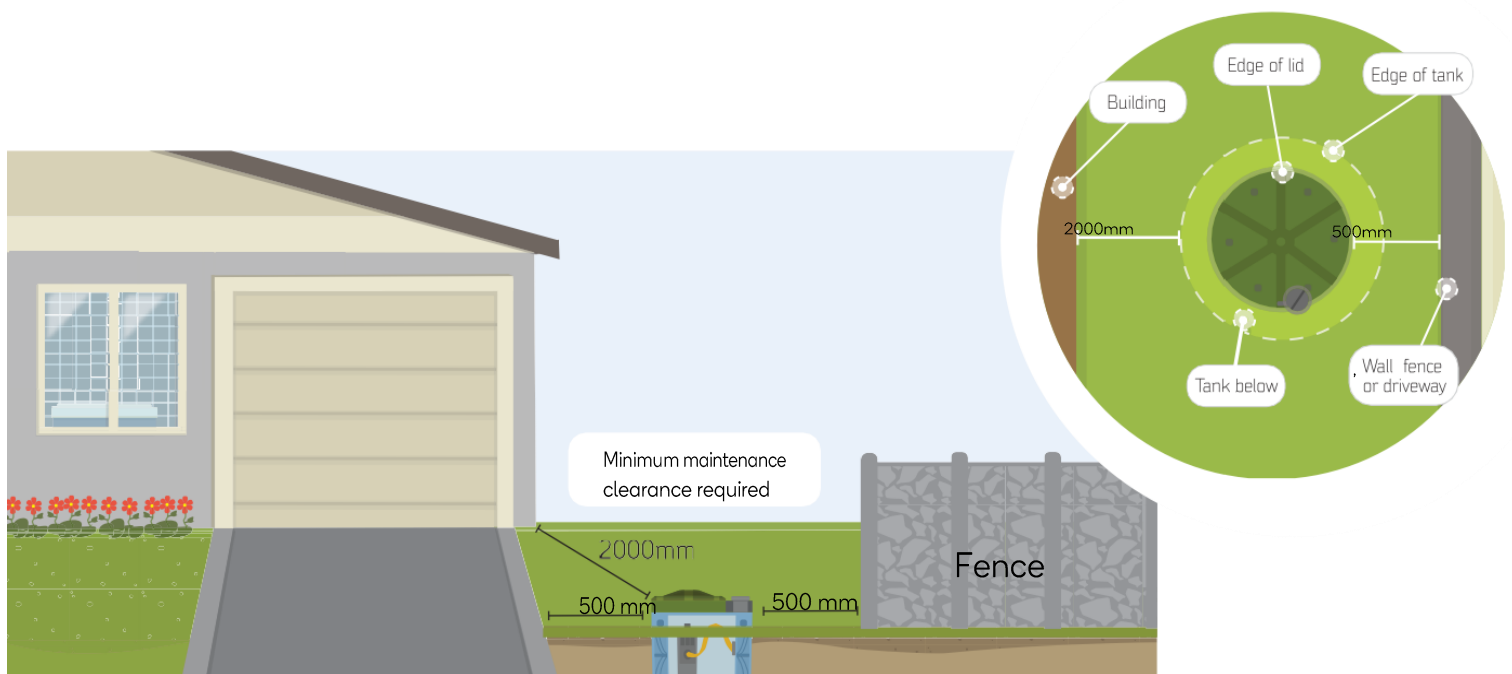
Pressure sewer discharge pipes

- 400mm horizontal clearance from the structure/building to pressure sewer discharge pipe.
- Build over sewer approval is required for any construction within 400mm of any pressure sewer discharge line.
- Altogether ' approval to build over a pressure sewer discharge pipe can be given, if the discharge pipe is sleeved inside another pipe that has a minimum 100mm internal diameter with no bends.

Boundary kits

- Not to be located in trafficable areas.
- Ensure clear access is maintained at all times.

Offset distance from driveway and fence



Reduction of minimum clearance requirements

Approval to reduce minimum clearance requirements is at Altogether's discretion; the below information is to assist property owners, designers, builders and plumbers to ensure that Altogether's requirements are met when considering any new construction or installation.

Reduction of minimum clearance requirements would only be approved by Altogether following submission of an engineering report obtained at the owner's expense and addressing ground conditions and assessment of the zone of influence of the structure. The engineering report must demonstrate that the structure will not place any load on the pressure sewer tank nor undermine the relevant structure.

Specific examples of where minimum clearance requirements may be reduced include:

1. Suitable ground conditions
2. Deep foundations or piers
3. Lightweight structural additions to the main structure (such as single-storey porches)

See following pages for illustrations of these examples.

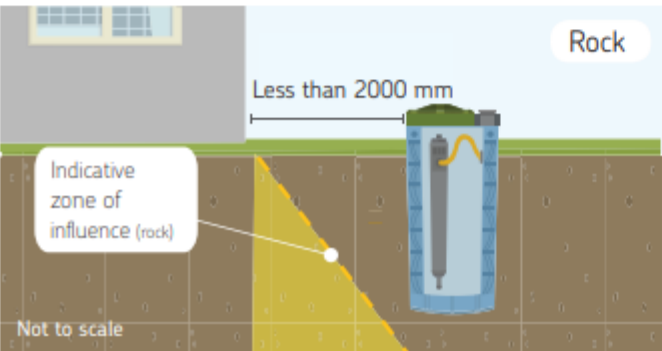
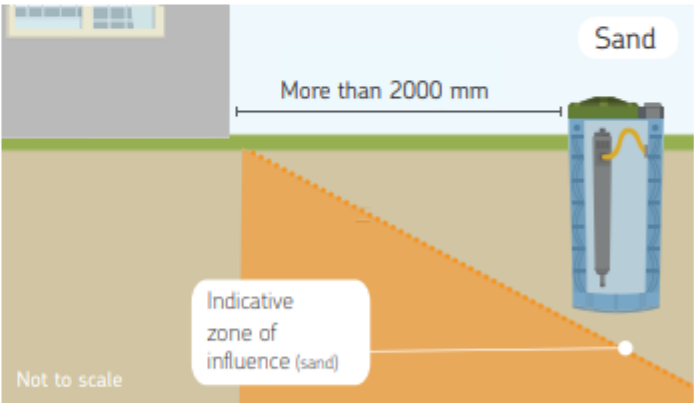
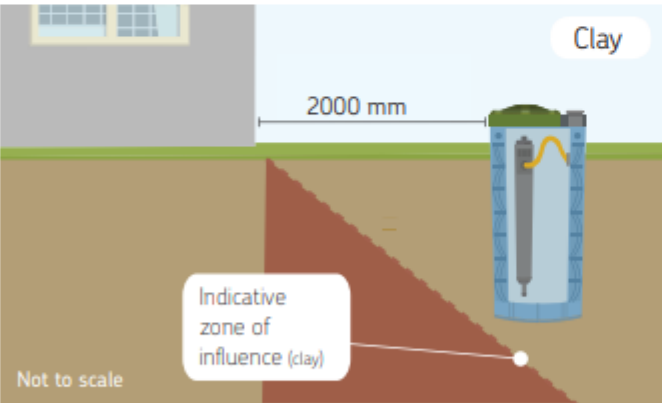
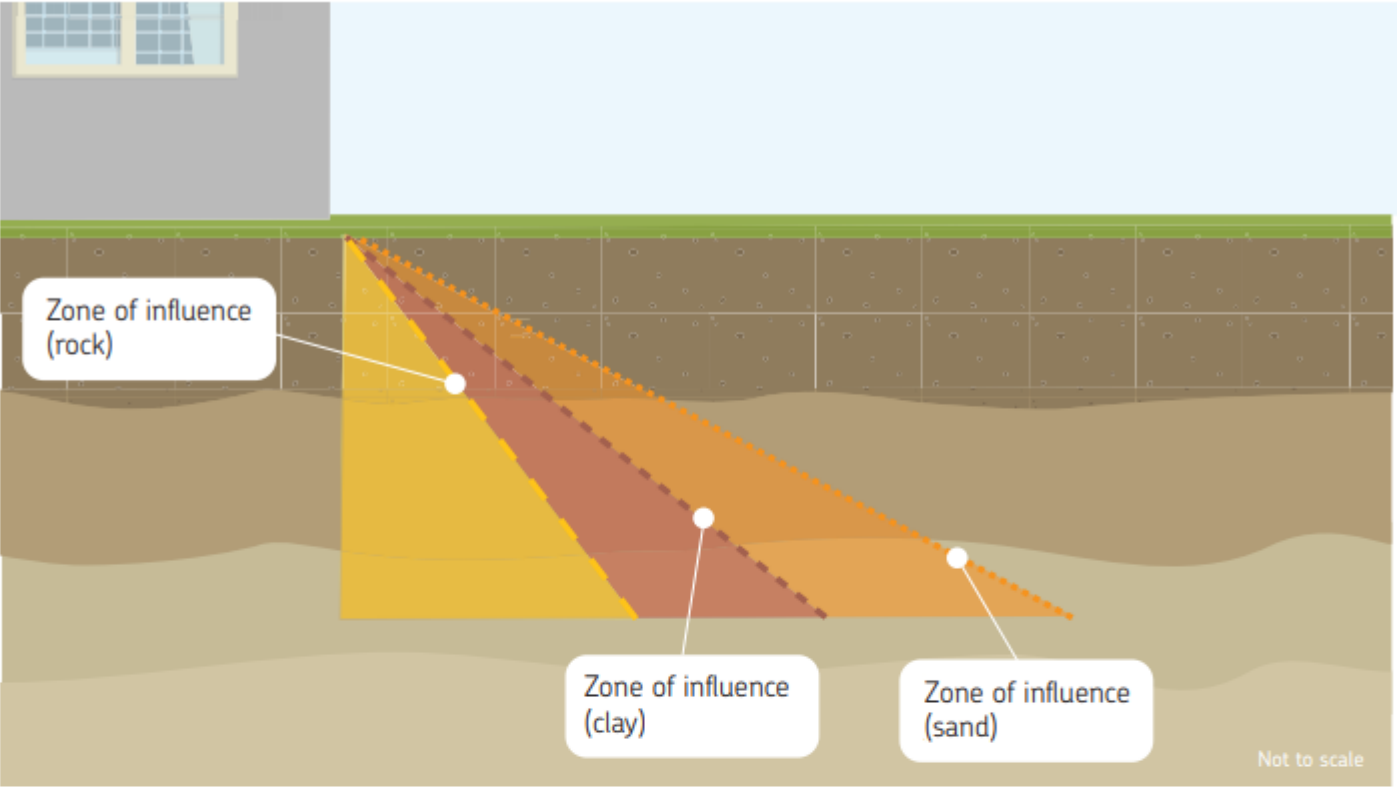
To maintain access for maintenance of tanks, clearance requirements cannot be reduced below 500mm.

Note:

- Pressure sewer tanks can only be accessed, altered or maintained by Altogether's authorised personnel.
- Diagrams assume construction in clay soil unless labelled otherwise.
- All diagrams in this pamphlet are indicative only and are not to scale.
- This guideline is subject to change at any time.
- A reference to "structure" in this document is any substantial structure including but not limited to single- or double-storey dwellings, garages, sheds and pools (above-ground or below-ground).

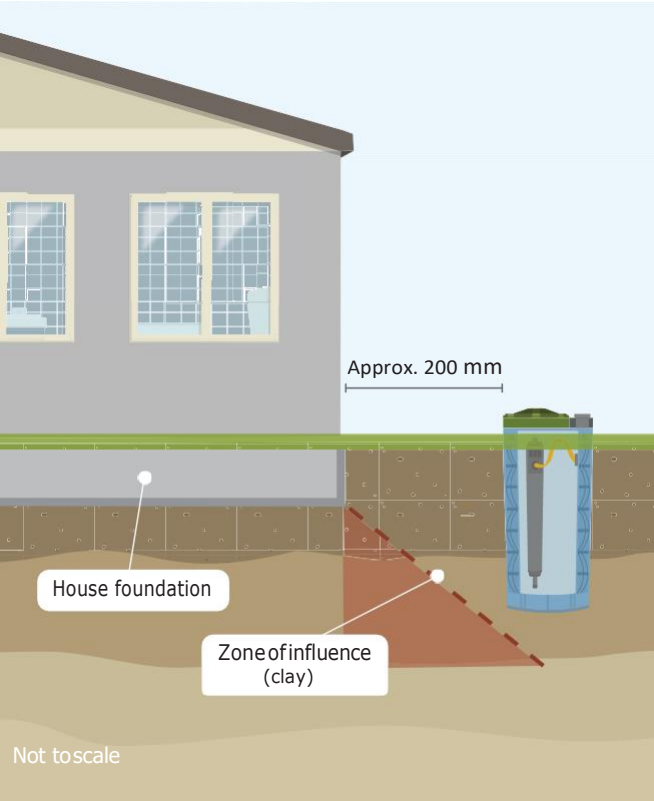
Impact of ground conditions

Offset distance from single storey structure depending on soil type

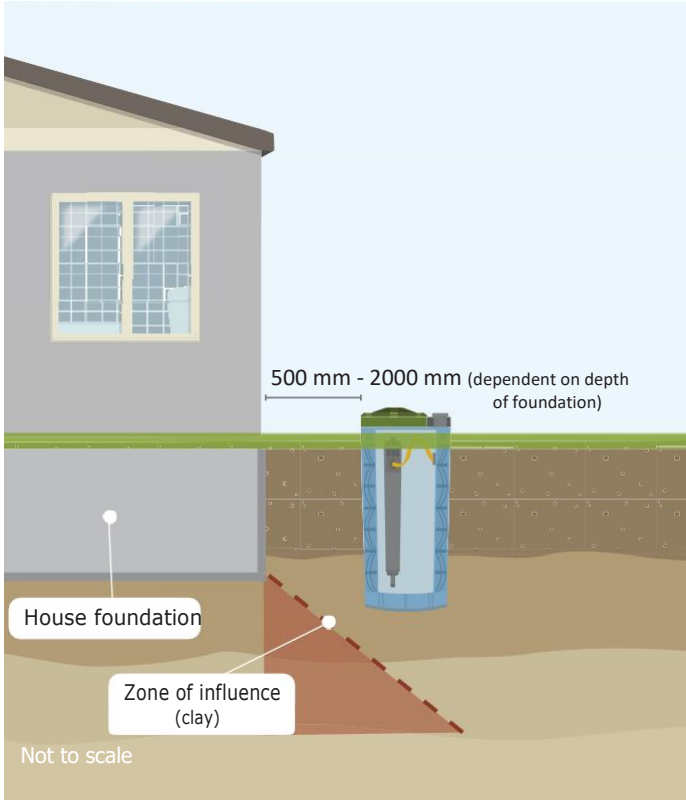


Impact of foundation depth

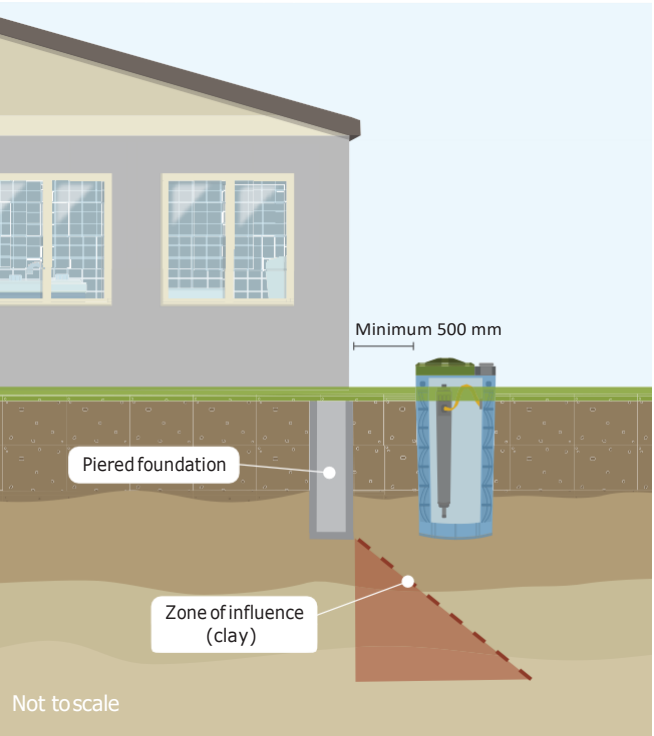
Offset distance from structure with a shallow foundation



Offset distance from structure with a deep foundation

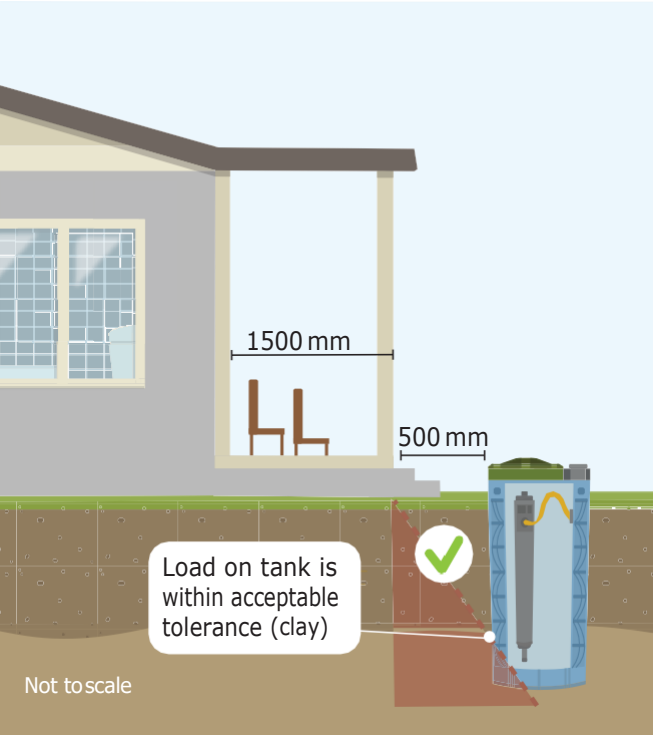


Offset distance from a one storey structure with a piered foundation

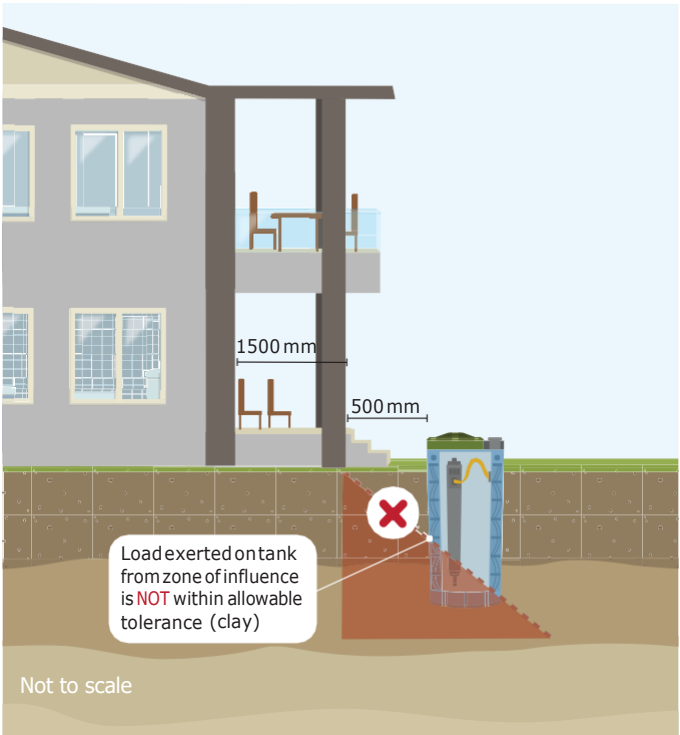


Single storey versus double storey porch/balcony

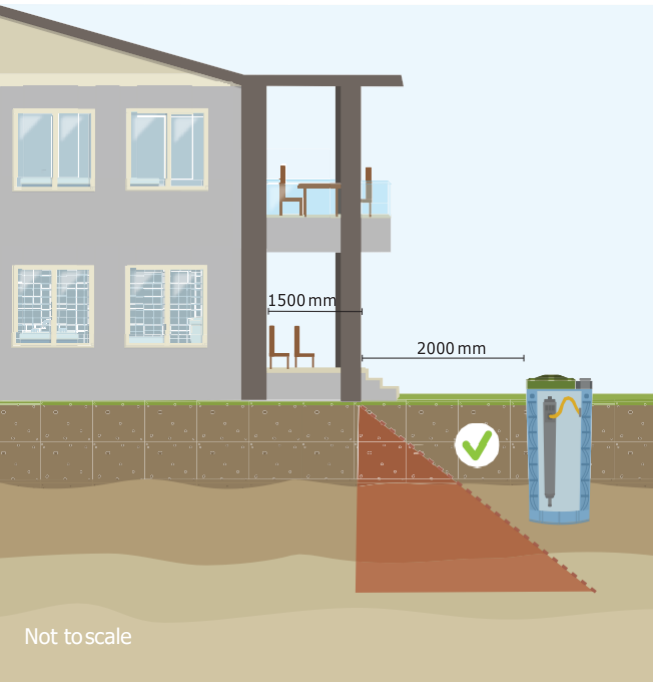
Offset distance from porch of single storey



Unacceptable offset distance from porch of double storey structure



Acceptable offset distance from porch of double storey structure



Offset distance from two storey structure with a pierced foundation

