

## Requirements for a complete On-Site Wastewater Works Approval Application

- ☐ Application form for Wastewater Works approval to be completed and signed (by owner and applicant)

- ☐ Application fees to be paid at the time of lodgement (see Council fees and charges)

\*\*Additional information to be supplied with the following applications:

### Septic tank or permanent greywater system - subsurface disposal:

- ☐ Detailed site layout plan (in duplicate) drawn to a scale of 1:250 showing the septic tank and subsurface disposal system.
- ☐ Detailed building layout plan (in duplicate) including internal sanitary plumbing and method of connecting to external sanitary drainage system, drawn to a scale of 1:250.
- ☐ Site and soil report by a qualified wastewater engineer.

### Aerated wastewater treatment system (AWTS) or aerobic sand filter:

- ☐ Detailed site layout plan (in duplicate) drawn to a scale of 1:250 showing the septic tank and designated irrigation & recreational areas.
- ☐ Detailed building layout plan (in duplicate) including internal sanitary plumbing and method of connecting to external sanitary drainage system, drawn to a scale of 1:250.
- ☐ Site and soil report by a qualified wastewater engineer.

### Alteration to an existing wastewater system:

- ☐ Detailed building layout plan (in duplicate) drawn to a scale of 1:250 showing existing and new internal sanitary plumbing and method of connecting to external sanitary drainage system.
- ☐ Detailed site layout plan (in duplicate) drawn to a scale of 1:250 showing existing and new drains, septic tank and subsurface disposal/irrigation system.
- ☐ Site and soil report by a qualified wastewater engineer (in certain circumstances).

***\*\*Please note - If you are lodging electronically, we only require 1 copy of all plans and these can be scaled 1:200 or 1:100***

***For information on wastewater systems requirements please refer to the SA Health  
On-site Wastewater Systems Code on the SA Health website: [sahealth.sa.gov.au](http://sahealth.sa.gov.au)***

*Acknowledgement: This factsheet is based on a similar fact sheet prepared by Eastern Health Authority (EHA).*

## Detailed information to be provided with a completed wastewater works application form

*It is recommended that you research and select a wastewater system best suited to your location and circumstances prior to submitting an application, as the type of wastewater system selected will impact how you can use your land.*

*Please note: failure to provide the correct information will result in delays in obtaining an approval. It is recommended that you ensure all relevant information is submitted with your application. A detailed list of required information can be found below as taken from the 'On-site Wastewater Systems Code'.*

### 1. Onsite Wastewater Works Application Form

- Maximum number of people that will be at the premise on a daily basis (Minimum 6) (Australian Standard AS/NZS 1547-2012 bases the calculation of peak occupancy on the number of bedrooms)
- Proposed type of wastewater works including the type of system being installed, the size and make of the tank and the proposed on-site land application system

### 2. A detailed site layout plan (in duplicate) drawn, to a scale of 1:250 showing:

- Allotment dimensions
- Contours indicating natural ground fall
- Position of the proposed on-site wastewater system (including land application system), showing compliance with all setback distances and all required pipe work and appurtenances within the system.
- Details of any trade waste discharge and required treatment apparatus
- Location of any structures and or vegetation either on the subject allotment or on other land which may be affected by the installation of the proposed wastewater system
- Details of any site modifications, e.g. benching, cutting and filling, and how this impacts on the proposed system
- Details and location of any diversion measures to collect surface or migrating subsurface water
- Details and location of storm, surface and roof water disposal
- Details and location of any well or dam on the site, or in close proximity, used or likely to be used for human and/or domestic use
- Details and location of any water source used for agriculture, aquaculture or stock purposes
- Details and location of any watercourse passing through the site or in close proximity to it, used or likely to be used for human and/or domestic use
- Location, type, capacity and size of existing septic tank and land application system (i.e. soakage trenches, irrigation area)

**3. Detailed building layout plan (in duplicate) drawn to a scale of 1:250 showing:**

- Method of connecting the internal sanitary plumbing fixtures of a building to the external sanitary drainage system - including location of the sewer drain, inspection openings and inspection shafts, junctions and bends, size and grade of sewer drain, position and size of overflow relief gullies, vents and waste pipes
- The intended use of the building and the rooms within it

The plans must be submitted in accordance to section 3.6.1 of the On-site Wastewater Systems Code. Please refer to figures A1, A2 and A3 of appendix A of the On-site Wastewater Systems Code for layout plan examples.

**4. Site and soil report requirements to be provided by a Wastewater Engineer. A wastewater engineer must provide a site and soil report.**

**This report must include:**

- Details of the investigations carried out
- Site plan clearly showing
- Soil sampling locations
- Allotment dimensions
- Location and dimensions of the proposed land application system
- Existing and proposed buildings and structures eg: retaining walls
- Details of earthworks proposed as part of the site development
- Type of proposed system to be installed

Information about the soil types encountered at the sampling locations in the area of the proposed land application system

- Nominated effluent percolation rate (EPR), design loading rate (DLR) or design irrigation rate (DIR) as applicable
- Design of the land application system including soil horizon at which base of the land application system is to be founded
- Assessment of site suitability for long term effluent disposal/reuse
- Supporting information with respect to climate characteristics including rainfall and evaporation which may affect the performance of the wastewater system
- Comments regarding features on adjoining allotments, which may affect or be affected by the proposed wastewater system
- A summary of site characteristics
- Any limitations of the proposed system

**Relevant legislation/Documents**

- SA Public Health Act 2011
- SA Public Health (Wastewater) Regulations 2013
- SA Health - Onsite Wastewater Systems Code
- AS/NZS 1547:2012 Onsite domestic wastewater management
- AS/NZS 3500.2:2015 Plumbing and drainage Part 2:

**Important Note: A failed wastewater system is a risk to health. Ensure your wastewater system is maintained in good working order and is operated in accordance with the on-site wastewater systems code.**

## Appendix A

Figure A1: Typical site layout plan

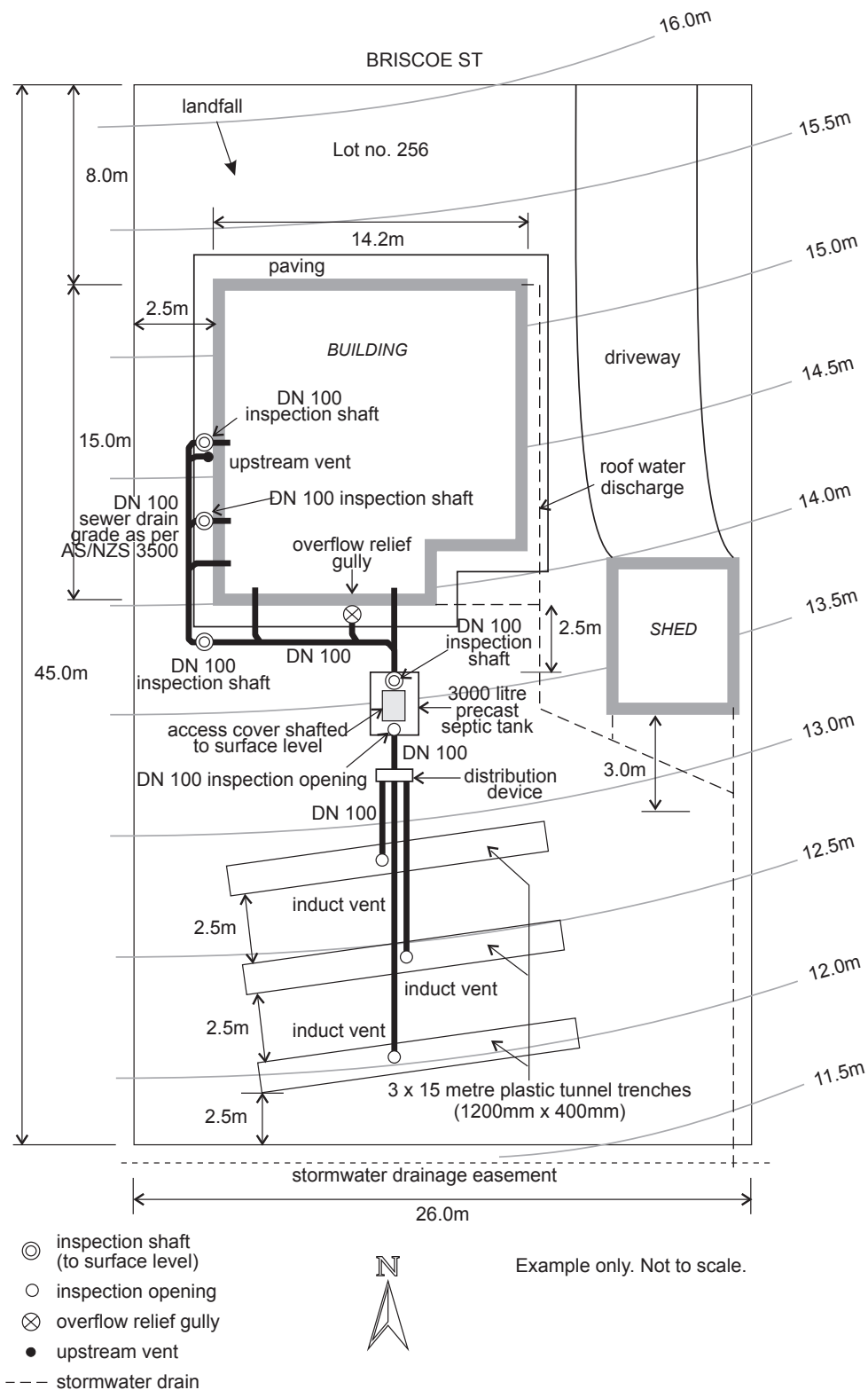


Figure A2: Typical building layout plan

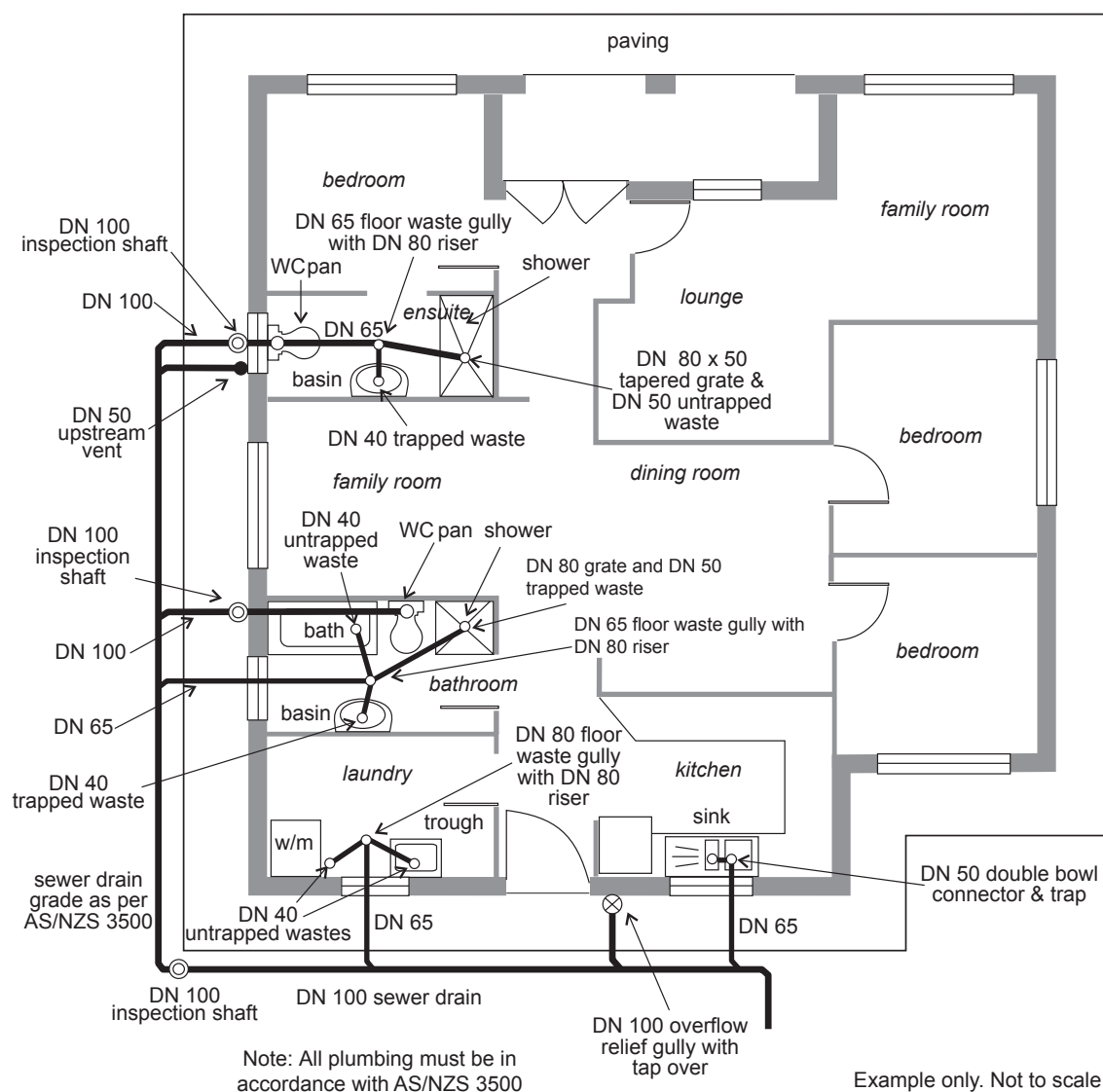


Figure A3: Typical site layout plan – two tank system and split irrigation area

