Onsite Wastewater Systems

Application Checklist

LOWER EYRE COUNCIL

Requirements for Onsite Wastewater Application

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

<u>Plus additional information as outlined below:</u>

New Installation of Septic tank or permanent greywater system – subsurface disposal

- ☐ Detailed site layout plan – showing the septic tank, subsurface disposal system and setback distances.
- ☐ Detailed building layout plans – including internal sanitary plumbing and method of connecting to external sanitary drainage system.
- ☐ Site and Soil Report by a qualified wastewater engineer.

New Installation of Aerated Wastewater Treatment System (AWTS)

- ☐ Detailed site layout plan – showing AWTS location, irrigation area, setback distances and recreation area.
- ☐ Detailed building layout plans - including internal sanitary plumbing and method of connecting to external sanitary drainage system.
- ☐ Site and Soil Report by a qualified wastewater engineer.

Alteration to an Existing Wastewater System

- ☐ Detailed site layout plan - showing existing and new drains, septic tank and subsurface disposal/irrigation system.
- ☐ Detailed building layout plans - showing existing and new internal sanitary plumbing and method of connecting to external sanitary drainage system.
- ☐ Site and Soil Report by a qualified wastewater engineer (in certain circumstances).

Community Wastewater Management Scheme (CWMS)

- ☐ Detailed site layout plan - including internal sanitary plumbing and method of connecting to external sanitary drainage system.
- ☐ Detailed building layout plans - showing septic tank and/or trade waste apparatus location & CWMS connection point.

1. Site and soil report provided by a wastewater engineer (not required for CWMS).

This must be in accordance with Section 8 or 9 of the SA Onsite Wastewater Code and 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 e.g. 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 the base of the land application system is to be founded

> Assessment of site suitability for long term effluent disposal/reuse

> A summary of site characteristics as described in section 8.2.2 of the Onsite Wastewater Code.

> 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

> Any required surface water diversion

> Any limitations of the proposed system

2. Detailed Site and Building Layout Plans

Please see the examples plans included on the following pages.

> Detailed site and building layout plans (in duplicate) drawn to a scale of 1 in 250

> 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

> Allotment dimensions

> Contours indicating natural ground fall

> Proposed location of sanitary drains, buildings, and all other structures as well as components required by AS/NZS 3500

> Position of the proposed on-site wastewater system (including land application systems), showing compliance with all setback distances and all required pipework and appurtenances within the system

> Details of any site modifications, for example benching, cutting and filling, and how this impacts on the proposed system

> 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 and locations 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 agricultural, 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

> Details of any trade waste discharge and required treatment apparatus (see section 1.5)

> The intended use of the building and the rooms within it

> Any other details as specified bythe relevant authority.

Please note:

A failed wastewater system is a health risk. Ensure your wastewater system is in good working order and is operated in accordance with the SA Onsite Wastewater Code.

Figure 1: Example site layout plan (septic system)

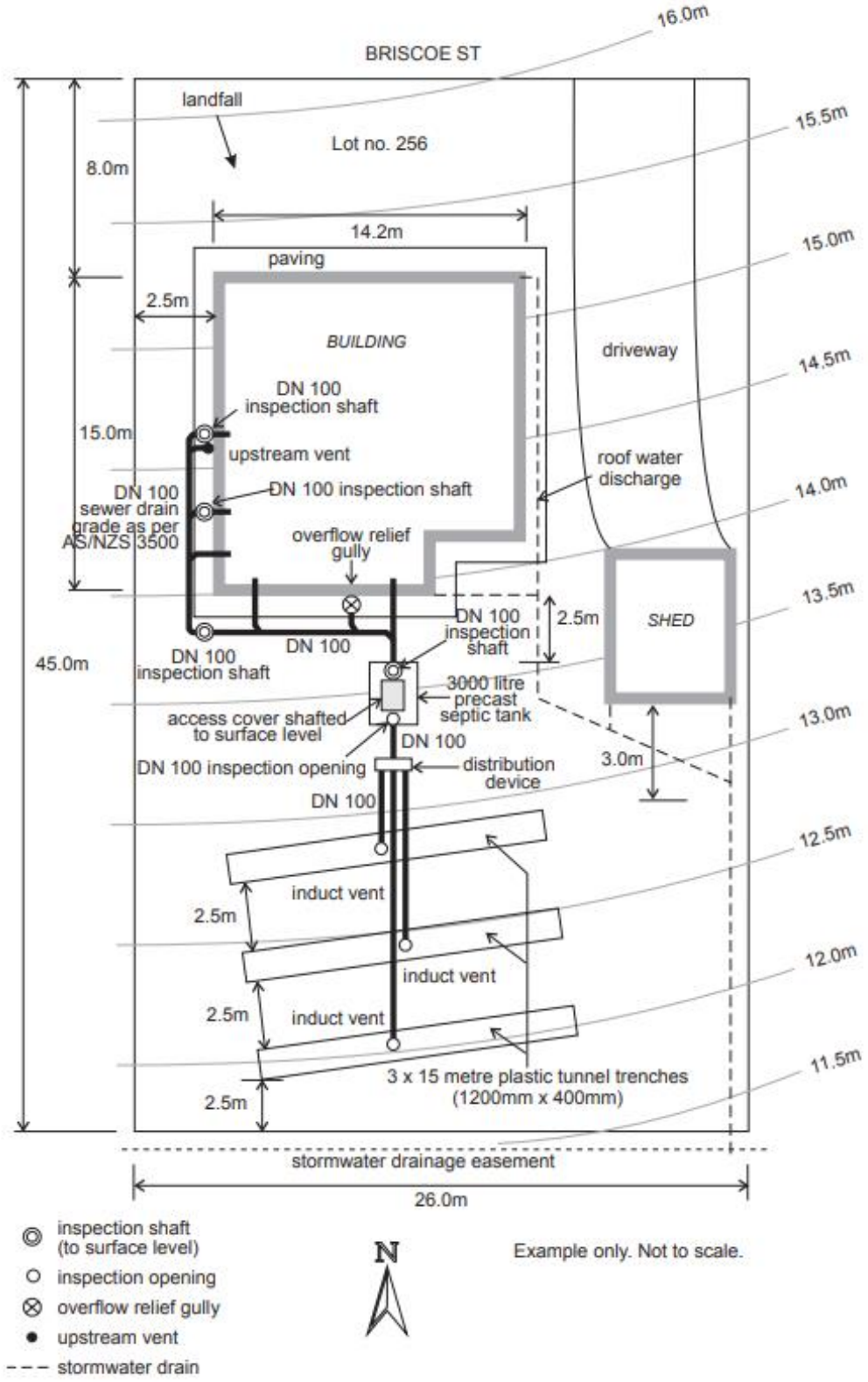

Figure 2: Example site layout plan (aerobic system)

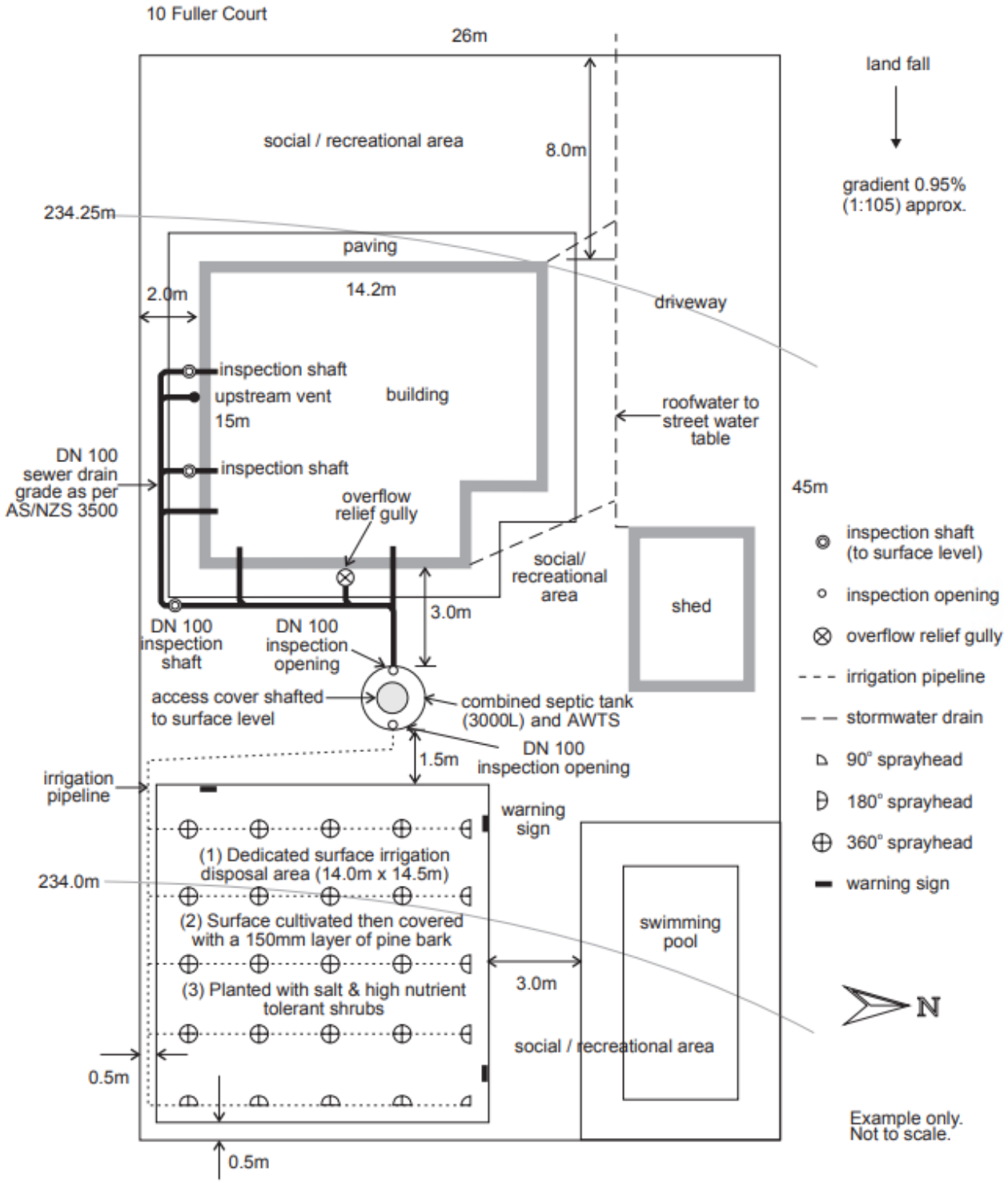

Figure 3: Example site layout plan (CWMS connection)

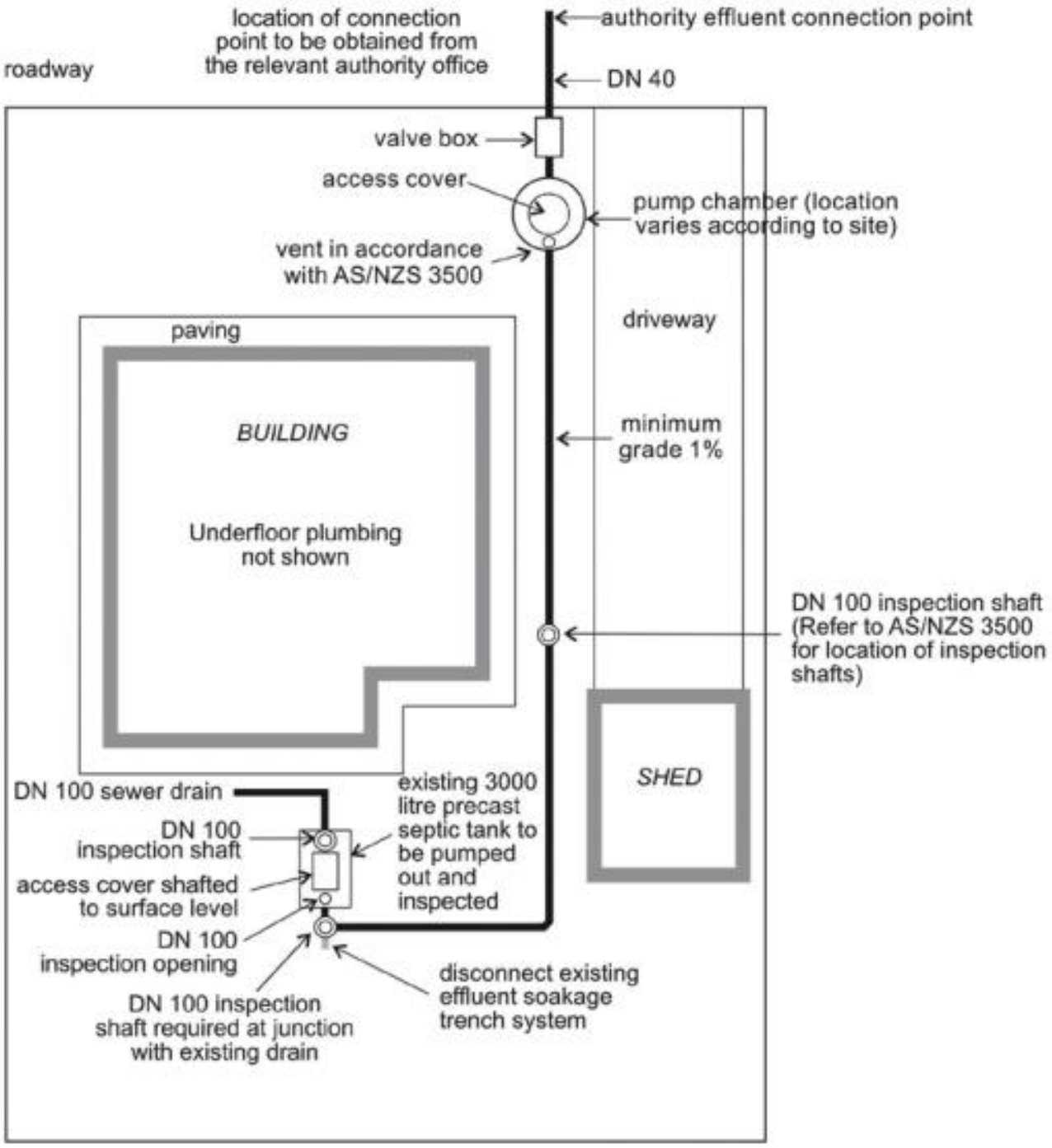

Figure 4: Example building layout plan (underfloor)