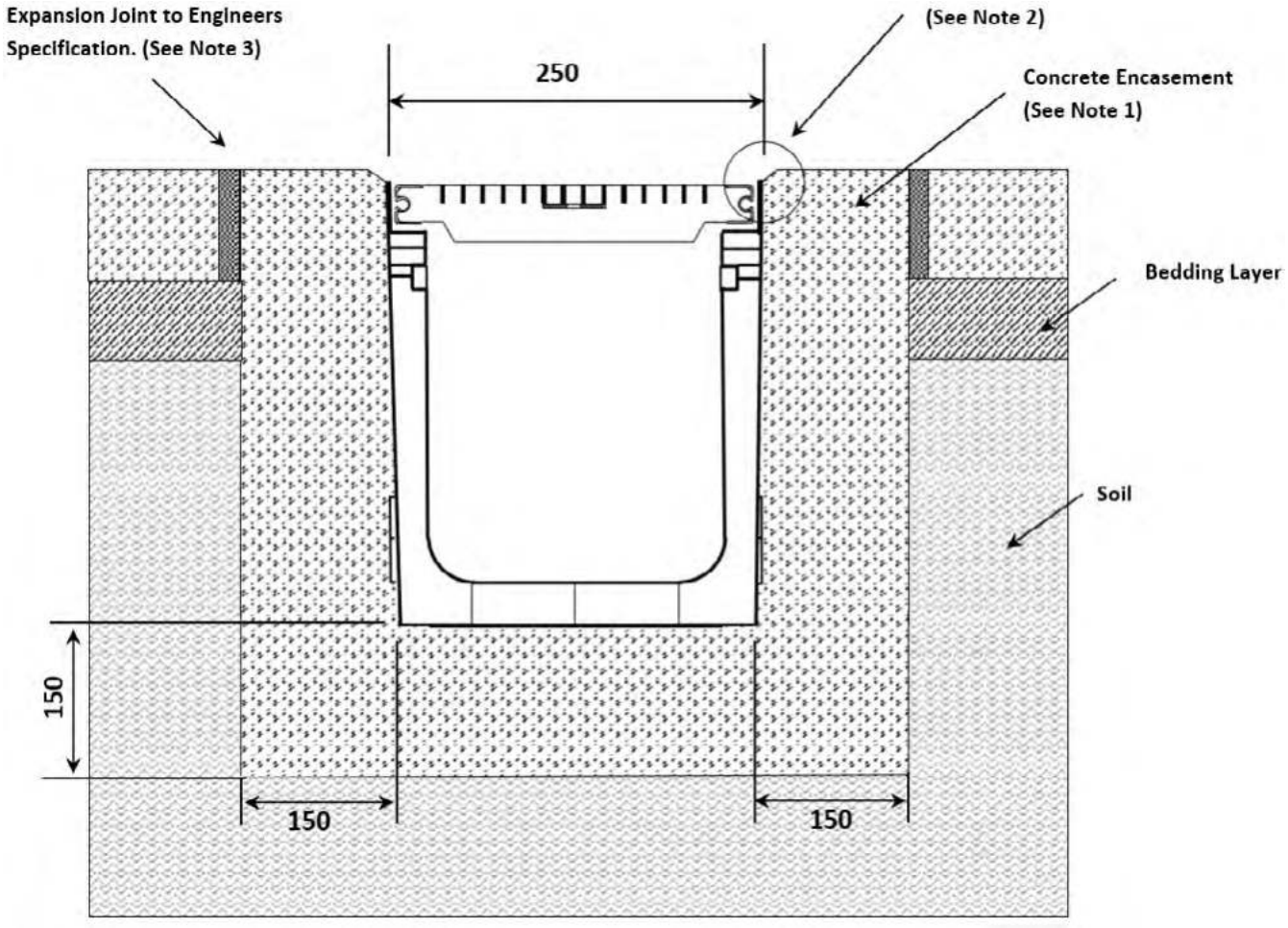

Notes

1. Concrete encasement dimensions and/or reinforcement changes may be required for specific site conditions. Minimum concrete strength of 25MPa is recommended. Ensure concrete is vibrated Alwaysseek engineering advice.
2. The finished level of the concrete encasement should be 3-5mm above the channel edge.
3. Expansion control joints are recommended for protection of the concrete encasement.

SABdrain
water drainage systems

601 200mm x 250mm - Load Class B80

FOR CONCRETE

Specification Clause

The surface drainage system shall be Sabdrain 601 200 200 polypropylene plastic channel, fitted with galvanised steel grating Load Class – B80.*
*Load Classification AS3996:2006 B80 is similar to EN1433:2008 B125.

Properties

Sabdrain 601 200250 polypropylene plastic channels shall meet the following properties:-

COMPRESSIVE STRENGTH	**58N/mm²**
TENSILE STRENGTH	**14N/mm²**
DENSITY	**0.960 g/cm²**
WATER ABSORPTION	**<0.05%**
THERMAL EXPANSION COEFFICIENT	**15x12^{-5} mm/°C**
FROST PROOF	**YES**
MELTING POINT	**162 – 168 °C**
CO EFFICIENT OF ROUGHNESS	**N=0.010**
CHEMICAL RESISTENCE	**YES**
NON FLAMMABLE	**YES**

for detailed chemical resistance, refer to https://sabdrain.com.au/chemical-resistance/

Dimensions

Sabdrain 601 200250 channels dimensions shall be an internal height of 250mm with an internal width of 200mm and an overall height of 300mm and width of 250mm, with Male/Female interlocking joints, the channels shall have provision to create a 2° (17M) Radius.

Grates

Refer to the relevant specification sheet for the selected grate.

Installation

The Sabdrain 601 200250 Drainage system shall be installed for its intended purpose. Any improper installation and usage could result in product failure.