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# Subsurface AG Drain A140.15

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## DESIGN STATEMENT

Subsurface drains are an important part of the moisture control for a pavement and the surrounding material. Subsurface drains maintain pavement strength and durability by minimising groundwater entering the pavement and collecting and conveying infiltrated surface water to an outlet.

## APPLICABLE LOCATION

Subsurface drains should be used:

- to drain pavements and subgrade during and after construction;
- to intercept groundwater, and
- to lower the water table beneath the road formation.

## COUNCIL STANDARD DRAWING

SD 130 Subsurface (a.g.) drain

## CROSS REFERENCE DOCUMENT

- Merri-bek City Council Standard Specification Section 60.

## STANDARD SPECIFICATION

Refer to Notes 1-4 for the standard specifications.

## SUPPLIER

N/A

## MAINTENANCE

N/A

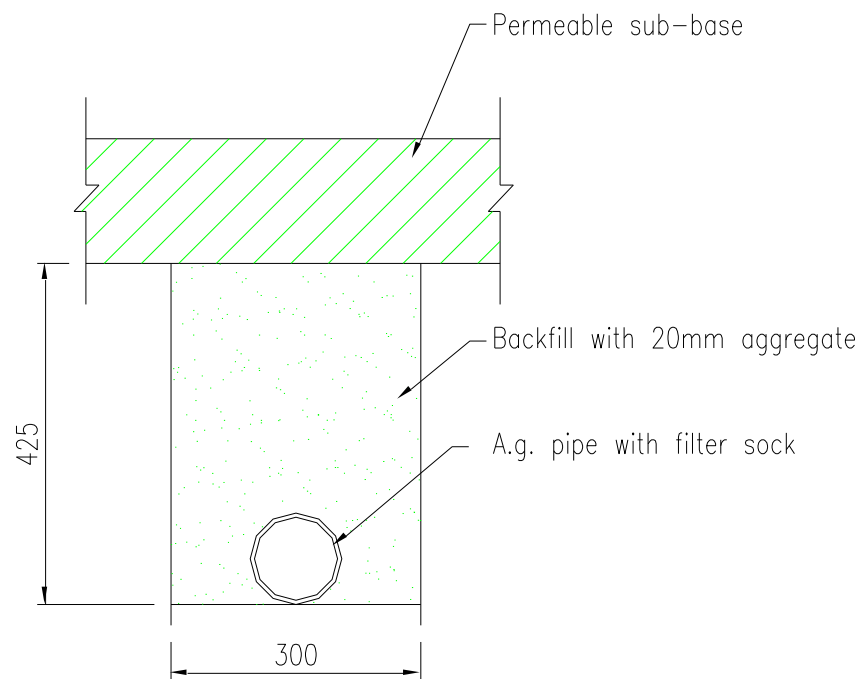
## GENERAL NOTES

1. *AG drain to be 100mm diameter slotted UPVC pipe and/or corrugated perforated UPVC coil, class 400 with filter sock, unless specified otherwise.*
2. *Backfill material, 20mm aggregate.*
3. *Level trench bottom with impermeable material to remove irregularities.*
4. *If sub base is not placed immediately, a 50mm cap of permeable sub base material shall be laid on the filter material and compacted.*

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