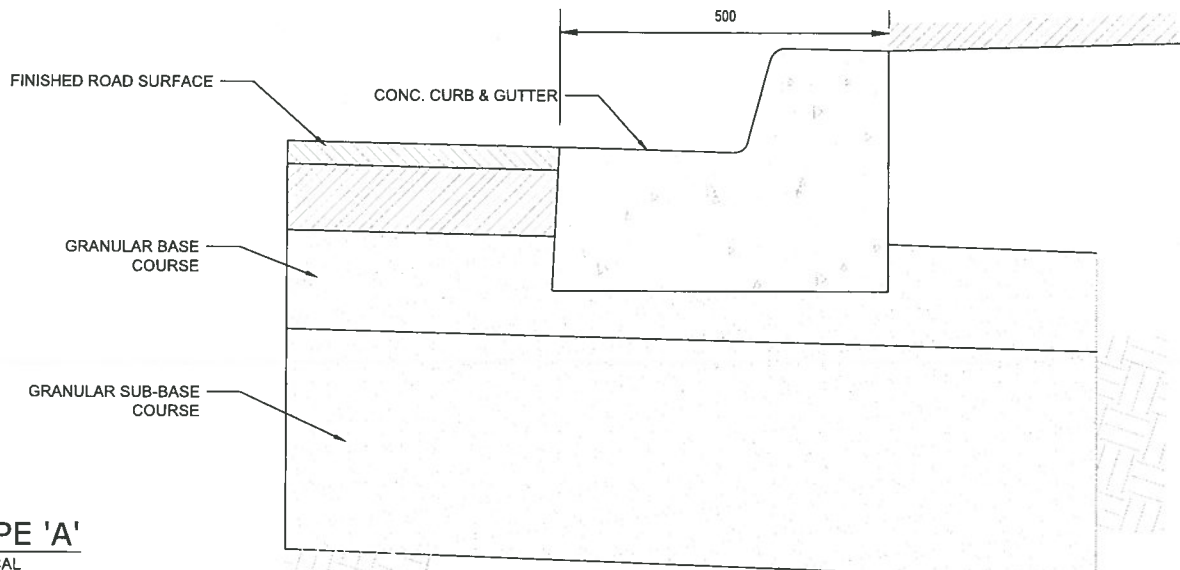


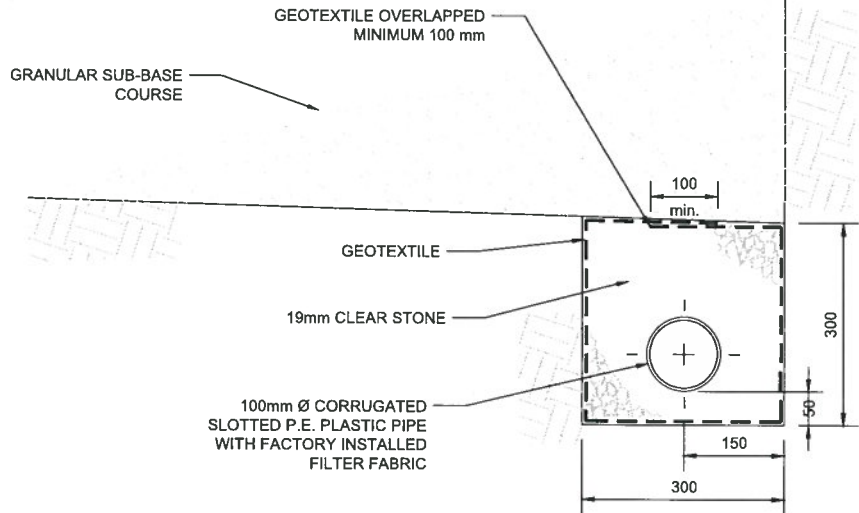
TYPE 'A'
TYPICAL



GRANULAR 'A' FILTER MATERIAL

100mm Ø CORRUGATED
SLOTTED P.E. PLASTIC PIPE
WITH FACTORY INSTALLED
FILTER FABRIC

TYPE 'B'
HIGH GROUND WATER



GEOTEXTILE OVERLAPPED
MINIMUM 100 mm

GRANULAR SUB-BASE
COURSE

GEOTEXTILE

19mm CLEAR STONE

100mm Ø CORRUGATED
SLOTTED P.E. PLASTIC PIPE
WITH FACTORY INSTALLED
FILTER FABRIC

NOTES:

1. ALL CONNECTIONS TO BE MADE ON THE UPSTREAM SIDE OF ALL CATCH BASINS. MORTARED INSIDE AND OUTSIDE.
2. SUBDRAINS TO BE PLUGGED AT THE HIGH END WITH A MANUFACTURED PLUG.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN.
4. FOR SELECTION OF TYPE 'A' AND TYPE 'B' SUBDRAINS REFER TO CITY OF BARRIE TRANSPORTATION DESIGN MANUAL.
5. TYPE 'B': THE SUBDRAIN TRENCH SHALL BE LINED WITH CLASS II, NON-WOVEN GEOTEXTILE, WITH AN F.D.S. OF 75-150 µm AND A MINIMUM THICKNESS OF 1 mm.

APPROVED

DATE *Oct 2017*

A. Suttles
DIRECTOR OF ENGINEERING

REV No.

DATE: OCT 2017

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SCALE: N.T.S.

BSD-315

Barrie
STANDARD DETAIL

TYPICAL 100mm SUBDRAIN
DETAIL