



LEGEND

TYPE B FILTER MATERIAL TO CLAUSE 505

GRANULAR MATERIAL TO CLAUSE 503.3(i)

GEOTEXTILE MATERIAL SEE NOTE 5.

FILTER DRAINS ARE SHOWN ON THE SCHEME DRAWINGS BY THE FOLLOWING DESIGNATION:

PIPE SIZE IN mm (NOMINAL DIAMETER) FOLLOWED BY F FOR FILTER FOLLOWED BY TYPE REFERENCE.

EXAMPLE: 225F/1B = 225 DIA FILTER DRAIN TYPE 1B.

- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETRES.
 - DIMENSION X IS THE EXTERNAL DIAMETER OF THE PIPE.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH APPENDIX 5/1 & CL 518.
 - DIMENSION Y IS MINIMUM TRENCH WIDTH. THIS IS (X+300) FOR DRAINS NOT EXCEEDING 1500 DEPTH OF COVER BELOW FINISHED LEVEL AND (X+450) FOR DRAINS EXCEEDING 1500 DEPTH OF COVER BELOW FINISHED LEVEL.
 - GEOTEXTILE SHALL BE A THERMALLY BONDED NON-WOVEN MATERIAL (TERRAM 1000 OR APPROVED EQUIVALENT).
 - PIPES SHALL COMPLY WITH THE REQUIREMENTS OF FILTER DRAIN PIPES IN TABLE 5/1 OF THE SPECIFICATION FOR HIGHWAY WORKS.
 - PIPES ARE TO BE LAID WITH SLOTS OR PERFORATIONS DOWNWARDS UNLESS OTHERWISE DESCRIBED IN APPENDIX 5/1. GENERALLY A DISPERSAL DRAIN SHOULD BE LAID WITH THE SLOTS/PERFORATIONS DOWNWARD AND A COLLECTOR DRAIN SHOULD BE LAID WITH THE SLOTS/PERFORATIONS UPWARD.
 - THE PREFERENCE IS FOR RECYCLED PLASTIC TWINWALL DRAINAGE PIPES TO BE USED.

REV	AMENDMENTS	DATE	CAD	CHKD	APPD

CONSULTANT

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SCHEME

STANDARD DETAILS

DRAWING TITLE

FILTER DRAINS DETAILS

HCC CADplot: 24.Mar.2020 at 8:03am		
DRAWN	CHECKED	SCALE @ A3
RB	JPR	N.T.S
CAD	APPROVED	DATE
RB	CDP	March 2020
DRG No.	REVISION	
HCC11/D/010		

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